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| FORM PTO-1390<br>(REV 10-2003)  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |  | DATE:<br>July <u>21</u> , 2004   |  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 USC § 371   |  |   |  | ATTORNEY DOCKET NUMBER<br>57213US004                                     |  |
|   |  |   |  | U.S. APPLICATION NO.<br>(if known, see 35 USC § 1.3)<br><b>10/502106</b> |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/US03/01765   |  | INTERNATIONAL FILING DATE<br>21/01/2003                 |  | PRIORITY DATE CLAIMED<br>08/02/2002                                      |  |
| TITLE OF INVENTION<br>PROCESS FOR FINISH-ABRADING OPTICAL-FIBER-CONNECTOR END-SURFACE   |  |   |  |  |  |
| APPLICANT(S) FOR DO/EO/US<br>Michihiro Ohishi   |  |   |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |  |  |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 USC § 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC § 371.<br>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 USC § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 USC § 371(c)(2)).<br>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> has been communicated by the International Bureau.<br>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)<br>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC § 371(c)(2)).<br>a. <input type="checkbox"/> is attached hereto<br>b. <input type="checkbox"/> has been previously submitted under 35 USC § 154(d)(4)<br>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC § 371(c)(3))<br>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired<br>d. <input checked="" type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC § 371(c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 USC § 371 (c)(4)).<br>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC §§ 371(c)(5)).<br> |  |   |  |  |  |
| <b>Items 11 to 20 below concern document(s) or information included:</b>  |  |   |  |  |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR §§ 1.97 and 1.98.  |  |   |  |  |  |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |   |  |  |  |
| 13. <input checked="" type="checkbox"/> A preliminary amendment.  |  |   |  |  |  |
| 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR § 1.76.   |  |   |  |  |  |
| 15. <input type="checkbox"/> A substitute specification.  |  |   |  |  |  |
| 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.  |  |   |  |  |  |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR §§ 1.821 – 1.825.  |  |   |  |  |  |
| 18. <input type="checkbox"/> A second copy of the published international application under 35 USC § 154(d)(4).   |  |   |  |  |  |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC § 154(d)(4).   |  |   |  |  |  |
| 20. <input type="checkbox"/> Other items or information:  |  |   |  |  |  |

## Filing of Papers and Fees by Express Mailing

Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit

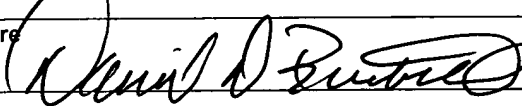
July 21, 2004

Express Mail Label No.

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|--|---------------------|---------------------------------------|-----------------|
| U.S. APPLN. NO. (If known, see 37 CFR § 1.53) <b>10/502106</b>   |                     | ATTORNEY'S DCKET NO.: 57213US004      |                 |
| PCT/US03/01765   |                     |                                       |                 |
| 21. <input checked="" type="checkbox"/> The following fees are submitted: :  |                     | Calculations                          | PTO Use Only    |
| <b>Basic National Fee (37 CFR § 1.492(a)(1)-(5)):</b><br>Neither international preliminary examination fee (37 CFR § 1.482) nor international search fee (37 CFR § 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b><br>International preliminary examination fee (37 CFR § 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... <b>\$920.00</b><br>International preliminary examination fee (37 CFR § 1.482) not paid to USPTO but international search fee (37 CFR § 1.445(a)(2)) paid to USPTO..... <b>\$770.00</b><br>International preliminary examination fee (37 CFR § 1.482) paid to USPTO but all claims did not satisfied provisions of PCT Article 33(1) -(4) ..... <b>\$730.00</b><br>International preliminary examination fee (37 CFR § 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)) ..... <b>\$100.00</b> |                     |                                       |                 |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |                     | \$920.00                              |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR § 1.492(e)).   |                     | \$0.00                                |                 |
| <b>Claims</b>  | <b>Number Filed</b> | <b>Number Extra</b>                   | <b>Rate</b>     |
| <b>Total Claims</b>  | 19                  | -20 =                                 | 0 X \$18.00     |
| <b>Independent Claims</b>  | 1                   | -3 =                                  | 0 X \$86.00     |
| MULTIPLE DEPENDENT CLAIMS(S) (IF APPLICABLE)   |                     | X \$290.00                            |                 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                     | <b>\$920.00</b>                       |                 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27.<br>The fees indicated above are reduced by 1/2.  |                     | \$0.00                                |                 |
| <b>SUBTOTAL =</b>  |                     | <b>\$920.00</b>                       |                 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR § 1.492(f)).  |                     | \$0.00                                |                 |
| <b>TOTAL NATIONAL FEE =</b>  |                     | <b>\$920.00</b>                       |                 |
| Fee for recording the enclosed assignment (37 CFR § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR §§ 3.28, 3.31).<br><b>\$40.00 per property</b>  |                     | \$0.00                                |                 |
| <b>TOTAL FEES ENCLOSED =</b>   |                     | <b>\$920.00</b>                       |                 |
|  |                     | <b>Amount to be refunded:</b>         |                 |
|  |                     | <b>charged:</b>                       | <b>\$920.00</b> |
| a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-3723</u> in the amount of <u>\$920.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-3723</u> A duplicate copy of this sheet is enclosed  |                     |                                       |                 |
| <b>NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>  |                     |                                       |                 |
| Signature:    |                     |                                       |                 |
| Name:<br><b>DANIEL D. BIESTERVELD</b>  |                     | Registration Number:<br><b>45,898</b> |                 |
| Address:<br><b>Office of Intellectual Property Counsel<br/>3M Innovative Properties Company<br/>P.O. Box 33427<br/>St. Paul, Minnesota 55133-3427</b>  |                     |                                       |                 |